

REMARKS

Claims 1-21 are pending in the case, of which claims 12-21 are withdrawn from consideration. In the present submission, withdrawn claims 12-21 have been cancelled. The Examiner indicated that claims 1-11 are allowable except for formal matters. Reconsideration is respectfully requested.

Claim 1 is rejected under 35 U.S.C. §112, second paragraph, as being incomplete for omitting essential structural cooperative relationships of elements. In particular, the Examiner states that the claim language “calculating a confidence estimate for each predicted pixel value” is too broad with “no origination of the relationship for generating the confidence estimate. Furthermore, the Examiner states that “the structural relationship for using the temporal filtering is lost.” (See pages 3-4 of the office action.)

In the present submission, claim 1 has been amended to recite “calculating a confidence estimate for each predicted pixel value *based on the nature of the image at the neighborhood of pixels surrounding the pixel*” and “subtracting the *temporally filtered* fixed pattern noise estimate for each pixel from the frame of pixel data to generate a final image” (emphasis added).

As amended, claim 1 now describes how the confidence estimate for each predicted pixel value is calculated – that the confidence estimate is calculated based on the nature of the image at the neighborhood of pixels surrounding the pixel. This amendment to claim 1 is supported by Applicant’s specification, paragraph [0035]. Furthermore, dependent claims 7-10 recite further limitations to the step of “calculating a confidence estimate.”

Claim 1 has also been amended to recite that it is the “temporally filtered fixed pattern noise estimate” that is being subtracted from the frame of pixel data.

Applicant submits that claim 1, as amended, now meets the requirement under §112. Withdrawal of the §112 rejection is respectfully requested.

After the present amendment, claims 1-11 remain in the case. Passage of the present case to allowance is respectfully requested. Should the Examiner have any questions, please call the undersigned at (408) 382-0480 x208.

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Respectfully submitted,

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